

TITLE

THICK FILM GETTER PASTE COMPOSITIONS FOR USE IN
MOISTURE CONTROL

ABSTRACT

5 The invention is directed to a screen-printable getter composition comprising: (a) glass frit; dispersed in (b) organic medium. The invention is further directed to a screen-printable thick film getter composition comprising: (a) glass frit; and (b) desiccant material; dispersed in (c) organic medium.

10 The present invention further relates to a getter composition utilizing low-softening temperature glasses comprising, based on weight %, 1-50% SiO₂, 0-80% B₂O₃, 0-90% Bi₂O₃, 0-90% PbO, 0-90% P₂O₅, 0-60% Li₂O, 0-30% Al₂O₃, 0-10% K₂O, 0-10% Na₂O, and 0-30% MO where M is selected from Ba, Sr, Ca, Zn, Cu, Mg and mixtures thereof. The

15 glasses described herein may contain several other oxide constituents that can substitute glass network-forming elements or modify glass structure.